

# Histamine ELISA kit

## High Sensitivity I Plasma & Urine

Ref: BA-E-1000

This Histamine ELISA kit is tailored for the quantitative measurement of histamine in urine and plasma samples. Intended for *in vitro* diagnostics & research use, the immunoassay can be combined with the [add-on kit BA-E-1100](#), to quantify histamine release in whole blood.

<b>Sample type</b>	10µl urine, 25µl plasma
<b>Samples/kit</b>	40 samples in duplicate
<b>Sensitivity</b>	0.3ng/ml urine, 0.12ng/ml plasma
<b>Range</b>	0.5 - 50ng/ml
<b>Assay time</b>	Sample acylation (1h) and ELISA overnight
<b>Reactivity</b>	Reacts with all species
<b>Citations</b>	<a href="#">Cited in 2 papers</a>

# INFORMATIONS

## Product overview

<b>Product name</b>	Histamine ELISA kit – Urine and Plasma samples
<b>Description</b>	<i>In vitro</i> diagnostics & research enzyme immunoassay (ELISA) for the quantitative determination of histamine levels in urine and plasma samples
<b>Labels</b>	IVD (EU only) or RUO, CE
<b>Format</b>	96-well plate
<b>Samples</b>	10µl urine, 25µl plasma
<b>Reactivity</b>	Reacts with all species
<b>Standard range</b>	0 / 0.5 – 50ng/ml
<b>Sensitivity</b>	0.12ng/ml plasma, 0.3ng/ml urine
<b>Specificity</b>	No significant cross-reactivity was observed with Histamine analogs such as 3-Methyl-Histamine, Tyramine, L-Phenylalanine, L-Histidine, L-Tyrosine, Tryptamine, 5-Hydroxy-Indole-Acetic Acid, Serotonin
<b>Assay time</b>	1h sample acetylation + ELISA overnight
<b>Storage</b>	Store at 2-8°C for up to 6 months
<b>Datasheets</b>	<a href="#">Instructions for use</a> , <a href="#">Material safety datasheet</a>

## PROTOCOLS

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**Sample collection & storage**

Plasma: EDTA or Heparin plasma samples only. Do not use haemolytic or lipemic samples. Storage: up to 6 hours at 2 – 8°C; for longer periods (up to 6 months) at – 20°C

Urine: Spontaneous or 24-hours urine, collected in a bottle containing 10-15 mL of 6 M HCl. Storage: for longer periods (up to 6 months) at -20°C

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**Sample preparation**

Sample acylation (1h)

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**ELISA**

Histamine antiserum incubation (3H or overnight), revelation and read steps (1h)

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**Detailed protocol**

[Download instructions for use](#)

## REFERENCES

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**Product citations**

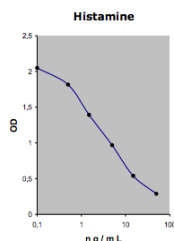
## Product pictures

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**Plasma/Urine Histamine ELISA**

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### **Plasma/Urine Histamine ELISA: Standard curve**

Standard curve - to be generated every time the assay is performed.

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## Contact information

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**To order, review, ask for technical support, visit product page at:**

<https://www.immusmol.com/shop/histamine-elisa-kit-urine-plasma-samples/>